

09/868,628

6/26/01 filed
~~4/03~~ 10/27/99 earliest
date

[1-59] pending

[1-8, 10-21, 34-38, & 40-51] elected.

* [1-8, 34-38] A hydrogenation catalyst:

- ↳ a refractory inorganic oxide carrier → Al_2O_3
- ↳ a metal compd. of group 4 → Ti^0
- ↳ at least one metal compd. of group 6 → Mo
- ↳ at least " " " " " " → 8-10

* further includes a phosphorus compd.

Ni^0

* [10-21, 40-51] { (diethylene glycol, tetethylene
butanediol, glycol,
A method of producing
a hydrogenation catalyst:
a water-soluble organic compd.

- ↳ applying a refractory inorganic oxide carrier.
- ↳ applying thereto a metal compd. of Group 4
- ↳ applying " @ least a metal " of " 6
- ↳ applying " and " " " " 8 to 10